

Comparisons of Job Characteristics

Focus Occupation: [Audio and Video Equipment Technicians \(27-4011\)](#)

Associated Occupation: [Broadcast Technicians \(27-4012\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	16.8	15.2	< Expanded education and/or training may be required
Telecommunications	3.9	15.5	14.1	0 Current knowledge level may be sufficient
Communications and Media	5.3	14.9	15.0	0 Current knowledge level may be sufficient
Engineering and Technology	5.7	14.0	9.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	11.1	10.3	0 Current skill level may be sufficient
Troubleshooting	4.5	8.4	7.6	< A higher skill level may be required
Equipment Maintenance	3.5	7.9	4.8	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	7.9	6.2	< A higher skill level may be required
Repairing	3.4	6.8	5.0	<< Extensive development of skills in this area may be required
Installation	1.7	5.0	6.1	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Audio and Video Equipment Technicians (27-4011) Associated Occupation: Broadcast Technicians (27-4012)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	9.9	10.3	0	Current ability level may be sufficient
Selective Attention	8.7	9.9	9.0	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.7	9.1	0	Current ability level may be sufficient
Flexibility of Closure	7.8	9.4	9.1	0	Current ability level may be sufficient
Speed of Closure	5.9	8.5	6.2	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	8.1	7.3	<	Some improvement in abilities may be required
Memorization	5.6	7.2	5.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 82
Focus Occupation: Audio and Video Equipment Technicians (27-4011) Associated Occupation: Broadcast Technicians (27-4012)		
Work Activities	Exclusivity of Activity	
Demonstrate or explain assembly or use of equipment	61	
Edit video film scenes	87	
Operate audio-visual equipment	76	
Operate recording or broadcast studio controls	87	
Operate sound-reproducing or recording equipment	89	
Operate special visual effects equipment	84	
Operate video recorders	82	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 85
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Focus Occupation: Audio and Video Equipment Technicians (27-4011)
Associated Occupation: Broadcast Technicians (27-4012)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25
Business function specific software	1
Cameras	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Electrical measuring and testing equipment	7
Information exchange software	1
Interior lighting and fixtures	62
Light and wave generating and measuring equipment	4
Phone and video conference equipment and hardware and controllers	31
Video and combination video and audio presentation equipment and hardware and controllers	31

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.